

Hall Ticket No

Question Paper Code: **CMBB24**



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MODEL QUESTION PAPER

First Year MBA II Semester End Examinations, May - 2019

Regulations: R18

DISASTER MANAGEMENT

(Common to MBA)

Time: 3 hours

Max. Marks: 70

Answer ONE Question from each Unit

All Questions Carry Equal Marks

All parts of the question must be answered in one place only

UNIT – I

1. a) List a spectrum of environmental hazard from geophysical events to human activities. [7M]
b) Indicate different approaches to reduce the environmental stress with an aim to reduce the risk. [7M]
2. a) Classify the following list of hazards either endogenous or exogenous:
a) Earth quake b) volcano c) Tornado d) Thunderstorm. E) Tropical cyclone hurricane
f) Drought of epidemic disease. [7M]
b) Make a list of the secondary effects of each of the above hazards. [7M]

UNIT – II

3. a) What causes the earth quake? [7M]
b) How can you describe earthquake hazard in India geographically? [7M]
4. a) What are the factors that cause soil erosion? [7M]
b) Describe a few conservation measures to prevent soil erosion. And explain the relationship between soil and a major hazard like land slide indicating the parts that are prone to such hazard in our country. [7M]

UNIT – III

5. a) What is epicenter and focus? Draw with a neat diagram? Based on depth how many types of earthquake are classified. [7M]
b) Define vulnerability and discuss the process of vulnerability analysis. [7M]
6. a) Comment on the distribution of earthquakes across the globe. [7M]
b) List out some deadliest disasters occurred in past [7M]

UNIT- IV

7. a) Write a note on the drought control measures adopted across the globe. [7M]
b) Suggest the best management practices of soil erosion and sedimentation. [7M]
8. a) Write briefly about the steps that need to be taken as part of an overall plan for achieving global population stabilization. [7M]
b) Define disaster mitigation and discuss the contribution of United Nations agencies in it. [7M]

UNIT – V

9. a) Enlist the different stages of disaster management. Write in detail about pre- Disaster stage. [7M]
b) Analyze and Discuss the important steps in relief distribution. Examine the problem areas during recovery phase of disaster management, [7M]
10. a) How does the community of a village play the most important role in times of disaster as ‘first responder’ [7M]
b) Can you suggest some guidelines for achieving sustainable development? [7M]



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COURSE OBJECTIVES

The course should enable the students to:

I	Identify the major disaster types. and their environmental impacts. Develop an understanding of why and how the modern disaster management is involved with Pre-disaster and post-disaster activities.
II	Know the key personnel or specialists related to disaster management and associate them with the types of disasters and phases in which they are useful..
III	Recognize and develop awareness of the chronological phases of natural disaster response and refugee relief operations.

COURSE LEARNING OUTCOMES (CLOs):

Students, who complete the course, will have demonstrated the asking to do the following:

CO Code	At the end of the course, the student will have the ability to:
CMBB24.01	Understand the meaning and concept of environmental hazard ED and ES.
CMBB24.02	Discuss different approaches and relation with human ecology land scope approach, ecosystem approach, and perception approach.
CMBB24.03	Explain natural and man-indexed hazards and disasters.
CMBB24.04	Interpret different types of planetary hazards and disaster.
CMBB24.05	Describe the distribution of volcanoes causes and effects of volcanic eruption and also environmental impacts of volcanic eruption.
CMBB24.06	Identify the causes and hazards effects of earthquakes and distribution of earthquakes.
CMBB24.07	Demonstrate of human adjustment perception and mitigation of earthquake.
CMBB24.08	Learn about harmful effects of Infrequent events: Cyclones – Lightning – Hailstorms, Cyclones.
CMBB24.09	Understand Emergency Stage importance and Post Disaster stage- Rehabilitation phase
CMBB24.10	Explain the Biological hazards/ disasters: Population Explosion.

MAPPING OF SEMESTER END EXAMINATION - COURSE OUTCOMES

SEE Question No	Course Outcomes		Blooms Taxonomy Level	
1	a	CMBB24.02	Summarize the concept of spectrum of environmental hazard from geophysical events to human activities.	Understand
	b	CMBB24.03	Indicate the different approaches to reduce the environmental stress with an aim to reduce the risk.	Understand
2	a	CMBB24.04	Analyze the concepts of Earth quake	Understand
	b	CMBB24.05	Summarize the concept of secondary effects of each of the above hazards.	Understand
3	a	CMBB24.06	Illustrate the causes the earth quake.	Understand
	b	CMBB24.02	Determine the earthquake hazard in India geographically	Remember
4	a	CMBB24.03	Determine the factors that cause soil erosion	Understand
	b	CMBB24.04	Explaining few conservation measures to prevent soil	Understand

			erosion	
5	a	CMBB24.05	Based on depth how many types of earthquake are classified.	Understand
	b	CMBB24.06	Summarize the vulnerability and discuss the process of vulnerability analysis.	Understand
6	a	CMBB24.05	Comment on the distribution of earthquakes across the globe	Understand
	b	CMBB24.08	Describe the distribution of volcanoes causes and effects of volcanic eruption and also environmental impacts of volcanic eruption.	Understand
7	a	CMBB24.08	Identify the causes and hazards effects of earthquakes and distribution of earthquakes.	Understand
	b	CMBB24.10	Demonstrate of human adjustment perception and mitigation of earthquake.	Understand
8	a	CMBB24.09	Learn about harmful effects of Infrequent events: Cyclones – Lightning – Hailstorms, Cyclones.	Understand
	b	CMBB24.03	Understand Emergency Stage importance and Post Disaster stage- Rehabilitation phase	Understand
9	a	CMBB24.06	Summarize the vulnerability and discuss the process of vulnerability analysis.	Understand
	b	CMBB24.03	Understand Emergency Stage importance and Post Disaster stage- Rehabilitation phase	Understand
10	a	CMBB24.06	Identify the causes and hazards effects of earthquakes and distribution of earthquakes	Understand
	b	CMBB24.09	Learn about harmful effects of Infrequent events: Cyclones – Lightning – Hailstorms, Cyclones.	Understand

Signature of Course Coordinator

HOD, MASTER OF BUSINESS ADMINISTRATION